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	APPLICANTS BICHON et al	
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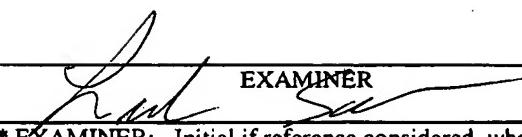
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
NHS		5,730,954	3/24/98	Albayrak et al.			
		4,935,246	6/1990	Ahrens			
		5,599,523	2/4/97	Beller			
		4,832,941	5/23/89	Berwing			
		5,711,933	1/27/98	Bichon et al.			
		4,957,656	9/18/90	Cerny			
		5,487,390	1/1996	Cohen et al			
		4,684,479	8/4/87	D'Arrigo			
		4,859,363	8/22/89	Davis			
		3,615,972	10/26/71	Morehouse			
		5,137,928	8/11/92	Erbel			
		5,190,982	3/2/93	Erbel			
		5,205,287	4/27/93	Erbel			
		4,370,349	1/25/83	Evans			
		4,718,433	1/12/88	Feinstein			
		4,572,203	2/25/86	Feinstein			
		4,774,958	10/4/88	Feinstein			
		5,049,322	9/17/91	Fessi			
		5,283,067	1/1/94	Geller			
		5,147,631	9/15/92	Glajch et al.			
		5,364,612	11/15/94	Goldenberg			
		5,089,181	2/18/92	Hauser			
		4,466,442	8/21/84	Hilmann et al.			
		4,789,550	12/1988	Hommel et al			
		4,675,189	6/1987	Kent et al			
		5,529,766	6/25/96	Klaveness			
		5,536,490	7/16/96	Klaveness			
		5,567,413	10/22/96	Klaveness			
		5,558,856	9/24/96	Klaveness et al.			
		4,569,844	1/1986	Jones			
		3,650,831	N/A	Jungermann			
		5,552,133	9/3/96	Lambert et al.			
		5,536,489	7/16/96	Lohrmann			
		5,716,597	2/10/98	Lohrmann et al.			
		4,927,623	5/22/90	Long			
		4,192,859	3/11/80	Mackaness, et al			
		4,027,007	5/31/77	Messina			
		5,601,085	2/11/97	Østensen			
		4,235,871	11/25/80	Papahadjopoulos , et al.			
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		APPLICANTS. BICHON et al					
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		5,409,688	4/25/95	Quay			
		5,393,524	2/28/95	Quay			
		4,442,843	4/17/84	Rasor			
		4,657,756	4/14/87	Rasor			
		4,681,119	7/21/87	Rasor			
		5,141,738	8/25/92	Rasor			
		5,425,366	6/20/95	Reinhardt			
		5,501,863	3/26/96	Rössling et al.			
		5,593,687	1/14/97	Rössling et al.			
		4,544,545	10/1/85	Ryan			
		4,900,540	2/13/90	Ryan et al.			
		4,224,179	9/23/80	Schneider			
		4,229,360	10/21/80	Schneider			
		5,271,928	12/21/93	Schneider			
		5,312,615	5/17/94	Schneider			
		5,380,519	1/10/95	Schneider			
		5,413,774	5/9/95	Schneider			
		5,445,813	8/29/95	Schneider			
		5,531,980	7/2/96	Schneider			
		5,643,553	7/1/97	Schneider			
		5,658,551	8/19/97	Schneider			
		5,567,414	10/22/96	Schneider			
		5,639,443	6/17/97	Schutt et al.			
		5,195,520	3/23/93	Schlief			
		5,380,411	1/10/95	Schlief			
		5,670,135	9/23/97	Schroder			
		3,900,420	8/19/75	Sebba			
		3,968,203	7/6/76	Spitzer			
		5,425,366	6/20/95	Stein			
		4,089,800	5/19/78	Temple			
		4,265,251	5/5/81	Tickner			
		4,316,391	2/23/82	Tickner			
		4,276,885	7/7/81	Tickner et al.			
		5,088,499	2/18/92	Unger			
		5,123,414	6/23/92	Unger			
		5,149,319	9/22/92	Unger			
		5,527,521	6/1996	Unger			
		5,209,720	5/11/93	Unger			
		5,228,446	7/20/93	Unger			
		5,874,062	2/23/99	Unger			
		5,776,429	7/7/98	Unger et al.			
		5,776,496	7/1998	Violante et al			
		5,352,436	10/4/94	Wheatley			
		4,844,882	7/4/89	Widder et al.			

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	APPLICANTS BICHON et al				
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	5,556,610	9/17/96	Yan et al.		

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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	PUBLIC-ATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
<i>AKS</i>	ZA 910961 (Albayrak)		South Africa				
	EP 0 274 961	7/1988	EP				
	EP A 458 745 (Bichon et al.)	11/27/91	EP				
	EP 359 246 A2 (Cerny)	3/21/90	EP				
	EP 359 246 A3 (Cerny)	3/21/90	EP				
	GB 1,044,680 (Dow Chemical)	10/5/66	Great Britain				
	WO 84/02838 (Feinstein)	8/2/84	PCT				
	WO 89/05160 (PCT DE 988/00751) (Fritzschi)	6/15/89	PCT			X	
	WO 92/05806 (Giddey)	4/16/92	PCT				
	WO 92/19273 (EP 0 583 390) (Goldenberg)	11/12/92	PCT				
	DE A 41 27 442 (Gross)	2/18/93	Germany			X	
	CA 1239092 (Hilmann)	7/12/88	Canada				
	CA 1232837 (Hilmann)	2/16/88	Canada				
	WO 91/12823 (Illum et al.)	9/5/91	PCT				
	WO A 92/17212 (EP 0 576 519) (Klaveness)	10/15/92	PCT				
	WO 92/17213 (EP 0 576 521) (Klaveness)	10/15/92	PCT				
	WO 92/21382 (EP 0 586 524) (Klaveness)	12/10/92	PCT				

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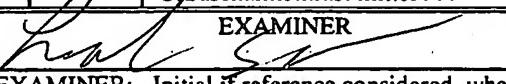
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		CA 2077383 (EP 0535387) (Krone)	3/4/93	Canada				
		WO 93/5819 (EP 0 605 477) (Quay)	4/1/93	PCT				
		WO 94/16739 (Quay)	8/4/94	PCT				
		WO 88/7365 (Ranney)	10/6/88	PCT				
		EP A 131 540 (Rasor & Tickner)	1/16/85	EP				X
		GB 213 5647 (Ridgway)	9/5/84	Great Britain				
		WO 91/15244 (Schneider et al.)	10/17/91	PCT				
		EP A 554 213 (Schneider)	4/8/93	EP				
		WO-A-85/02772 (Schroder)	7/4/85	PCT				
		NZ 253115 (Stein)	1/26/96	New Zealand				
		WO 92/18164 (Sutton)	10/29/92	PCT				
		WO-A-80/2365 (Tickner et al.)	11/13/80	PCT				
		WO 91/09629 (Unger)	7/11/91	PCT				
		WO 92/22247 (Unger)	12/23/92	PCT				
		WO 92/17514 (Unger)	10/15/92	PCT				
		WO 93/06869 (Vanderipe)	4/15/93	PCT				
		EP A 324 938 (Widder et al.)	7/26/89	EP				
		EP 0 123 235	4/1984	EP				

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Biochemistry/Ed. Stryer - 2 Ed., San Francisco, Freeman, pp. 208-09 (1981)
		Concise Encyclopedia Of Polymer Sci. and Engin., Wiley, pp. 12-13 (1990)
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		Gas Encyclopedia, Elsevier Publishier (1976), CCIF3
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		Epstein, et al., J. Chem. Physics, Vol. 18, No. 11, pp. 1505-1509, Nov. 1950, "On the Stability of Gas Bubbles in Liquid-Gas Solutions"
		Feinstein, et al., JACC, Vol. 16, No. 2, 8/90:316-24, "Safety and Efficacy of a New Transpulmonary Ultrasound Agent . . .", Amer. Hearts Assn. Monograph Circulation, Part II, Vol. 72, No. 4, Oct. 1985, Abstracts of the 58 th Scientific Ses.
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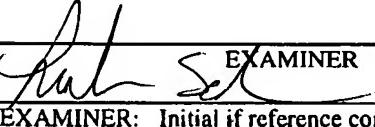
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✓	Ganguly et al., "Structure of hollow polystyrene microspheres..." <u>J. Microencapsulation</u> , Vol. 6, No. 2, 193-198 (1989)
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✓	Ostro in <u>Spektrum d. Wiss.</u> , 94-95, 98 (Marz 1987). "Liposomen . . ."
✓	Özer et al., <u>Acta Pharm. Tech.</u> , 34, pp. 129-139 (1988) "Influence of Freezing and Freeze Drying on Stability of Liposome . . ."

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(initials)	<p>Park, et al., <u>Journal of Chemical And Engineering Data</u>, Vol. 27, No. 3 (1982), "Solubility of Gases in Liquids. 14. Bunsen Coefficients for Several Fluorine-Containing Gases (Freons) Dissolved in Water at 298.15K"</p> <p>Peters et al., <u>Am. J. Ophthalmol.</u> 100 pp. 831-839 (1985) "The non expansive, equilibrated concentration of perfluoropropane in the eye"</p> <p>Puisieux et al., <u>Bull. Soc. Pharm. Bordeaux</u>, 123, pp. 111-126 (1984) "Les Liposomes . . ."</p> <p>Rompp Lex. Chemie. 8 Aufl. Stuttgart: Franckh; Bd. Z: Cm-G, (1981); Bd 3; H-L, (1983); Bd 4, M-Pk (1985) "Porositat"</p> <p>Rompps Chemie Lexikon, "Phospholipide"</p> <p>Schlief, <u>Current Opinion in Radiology</u>, 1993, 3:198-207, "Ultrasound Contrast Agents"</p> <p>Schneider, et al., <u>Investigative Radiol.</u>, 26(1), pp. S190-91 (1991) "A New Ultrasound Contrast Agent Based on Biodegradable Polymers Microballoon"</p> <p>Schneider, et al., <u>Investigative Radiol.</u>, 29(2), pp. S149-51 (1991) "The Use of Polymers Microballoons as Ultrasound Contrast Agent . . ."</p> <p>Swanson, pp. 682-687, "Chapter 22: Enhancement Agents for Ultrasound: Fundamentals," <u>Pharmaceuticals In Medical Imaging</u>, (1990)</p> <p>Szoka et al, <u>PNAS</u> 75, pp. 4194-4198 (Sept. 1978) "Procedure for preparation of Liposomes . . ."</p> <p>Tomlinson, <u>Int. J. Pharm. Tech. & Prod. Mfr.</u>, 4, pp. 49-57 (1983) "Microsphere Delivery Systems . . ."</p> <p>Ulmius et al, <u>Biochem.</u>, 21, p. 1553 (1982) "Molecular organization . . ."</p> <p>K. Uno, et al., "A new method of preparing monocored . . .," <u>J. Microencapsulation</u>, 1984, Vol. 1, No. 1, pp. 3-8</p> <p>Violante, et al., <u>Investigative Radiology</u>, Vol. 26, Nov. Supp 1991, "Particle-Stabilized Bubbles for Enhanced Organ Ultrasound Imaging"</p> <p>Voigt et al., "Lzithine" in <u>Lehrb. d. pharm. Tech. i. uberarb. Aufl. - Weinheim</u>; VCH, p. 367 (1979)</p> <p>Wheatley et al, <u>Biomaterials</u> 11, pp. 713-17 (1990) "Contrast agents for diagnostic ultrasound . . ."</p> <p>Widder, et al. <u>AJR</u>:147, Aug. 1986, "Microbubbles as Contrast Agent for Neurosonography and Ultrasound . . ."</p> <p>Fiedler, <u>Lexikon der Hiffstoffe</u>, 4, Auflage, 1182-85</p> <p>Zhang, et al., <u>J. East China Inst. Chem. Tech.</u>, 12(3) 343-345 (1986) "A Study on the Solubilities of F22 and C2F4 in Aqueous Solutions of HCl and NaCl"</p> <p>Zeghloul et al, <u>Journal de Chimie Physique</u>, 83; 665-671 (1986) "NMR And Microcalorimetry Study Of The Solubility Of Certain Halons And Their Interaction with Human Serum Albumin"</p> <p>Ohara et al Preparation of Ethylcellulose-polystyrene Composite Microcapsules of 2-phase Structure and Permeability of the Microcapsule Membranes Toward Phenobarbital", Vol. 80, Acc No. 8535072, Abstract No. 25064 & Inst. Colloid Interface Sci., Tokyo, 162</p> <p>Schering AB "Ultra-Sound Contrast Agent esp. for e.g. Heart, Veins - Comprises Microparticles of a Sugar and Gas Bubbles in a Liquid carrier", Acc No. 85-020020/04, Abs No. 008371</p> <p>Finch (1985) <u>Polymers for Microcapsule Walls</u> Chem. and Industry pp. 752-756.</p>
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